BRUHAT BANGALORE MAHANAGARA PALIKE

BBMP/2015-16/RD/WORK_INDENT17829

APPROVED SCHEDULE - B

EE/BTP/BBMP/E-PMT/01/2015-16

Improvements to Roads and Drains at TATAnagara Surroundings in Ward No. 08, Kodigehalli Sub Division.

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of MARIAPPA SRINIVASA MURTHY		
				In Figures		In Words
1	1446.15	Removing B.S Slab of Drain and stacking including cost of all labour, HOM of machineries etc complete as per specifications and directions of engineer in charge of the work	sqm	45.25	65438.29	Rupees Forty Five and Twenty Five Paise Only
2	1373.84	Refixing stone slabs of drains and pointing in C.M (1:3)	sqm	65.0	89299.60	Rupees Sixty Five Only
3	255.46	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete - 10.0 cms thic	sqm	650.16	166089.87	Rupees Six Hundred Fifty and Sixteen Paise Only
4	881.34	Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods etc complete as per specifications and directions of engineer in charge of the work	Cum	70.6	62222.60	Rupees Seventy and Sixty Paise Only
5	130.68	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180 kgs with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregares @ 0.57 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications	Cum	4847.04	633411.19	Rupees Four Thousand Eight Hundred Forty Seven and Four Paise Only
6	7.56	Providing and constructing granite / trap / basalt size stone masonry in superstructure with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications	Cum	4773.6	36088.42	Rupees Four Thousand Seven Hundred Seventy Three and Sixty Paise Only
7	12.6	Providing ruled pointing to coursed stone masonry with cement mortar 1:4, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications cement mortar 1:4	sqm	92.88	1170.29	Rupees Ninety Two and Eighty Eight Paise Only
8	3.78	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications	Cum	5327.64	20138.48	Rupees Five Thousand Three Hundred Twenty Seven and Sixty Four Paise Only
9	8.5	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs, with 20mm and down size graded granite metal, coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastisiser @ 3lts confirming to IS 9103-1999 reaffirmed-2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, walls (any thickness) including attached plasters, column, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour, HOM of machinery, curing, complete as per specifications	Cum	6065.28	51554.88	Rupees Six Thousand Sixty Five and Twenty Eight Paise Only

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				In Figures		In Words
10	0.6	Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications	Tonne	79056.0	47433.60	Rupees Seventy Nine Thousand Fifty Six Only
11	30.78	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications	sqm	250.0	7695.00	Rupees Two Hundred Fifty Only
12	82.5	Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300 kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.64 cum and fine aggregares @ 0.43 cum with superplastisiser @ 3lts confirming to IS9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications,	Cum	5852.52	482832.90	Rupees Five Thousand Eight Hundred Fifty Two and Fifty Two Paise Only
13	825	Vaccum De-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator HOM of machinery Screed Vibratiry, Power Floater, blade and disc etc., with all lead and lift	sqm	97.2	80190.00	Rupees Ninety Seven and Twenty Paise Only
14	44	Providing groove cutting for cement pavement wifth of 5mm to 10mm and depth 800mm-100mm including cost of cutting machine, generator and HOM of machinery, including cost of blade, coolant etc, including cleaning of groove and providing sand and hot bitumen fillarsm and filler metal etc including of conveyance of all materials, labour, lead and lift charges and all other incidental charges as per drawing and as per specifications	Rm	124.2	5464.80	Rupees One Hundred Twenty Four and Twenty Paise Only
15	2557	Scarifying existing stone metal layer upto 75mm thick along with their bituminous surface, picking up scarified materials and stacking of old serviceable materials with lead of 100m, sequential spreading of the salvaged aggregates with fresh aggregates on prepared base and consolidating as per water bound macadam specifications including cost of all labour, HOM of machineries etc complete as per specifications and directions of engineer in charge of the work	Sqm	77.4	197911.80	Rupees Seventy Seven and Forty Paise Only
16	1056.58	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density etc complete as per specifications and directions of engineer in charge of the work	Cum	1300.0	1373554.00	Rupees One Thousand Three Hundred Only
17	3613.6	Cleaning the existing WBM road surface including removing of binding materials and other foreign matter with wire bushes and small picks, sweeping with brooms or soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries, curing etc complete as per specifications and directions of engineer in charge of the work	Sqm	12.25	44266.60	Rupees Twelve and Twenty Five Paise Only

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				In Figures		In Words
18	3613.6	Providing and applying primer coat for surfaces of medium porosity like cement stabilized soil base @ 1.10 Kg/Sqmt over prepared surface with S.S bitumen emulsion using bitumen tanker fitted with spray set (excluding cleaning of road surface) including cost of all material, labour HOM of machineries etc complete as per specifications and directions of engineer in charge of the work	Sqm	75.1	271381.36	Rupees Seventy Five and Ten Paise Only
19	99.37	KSRRB M500-18: Providing and laying semi dense bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desired compaction as per MORTH specifications clause No. 508 complete in all respects as per specifications. using 100-120 TPH capacity H.M.P with sensor paver grading II (25-30mm) with 5% CRMB-55 grade, etc complete as per specifications and directions of engineer in charge of the work	Cum	9400.0	934078.00	Rupees Nine Thousand Four Hundred Only
20	158.4	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications.	sqm	468.19	74161.30	Rupees Four Hundred Sixty Eight and Nineteen Paise Only
21	837.27	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km etc complete as per specifications and directions of engineer in charge of the work	Cum	88.0	73679.76	Rupees Eighty Eight Only
		Total			**4718062.73**	

Signature of the Contractor

Executive Engineer
Byarayanapura Division
BBMP, Bangalore - 92

03/03